INTERNA	TIONAL	SEADCH	DEPODT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER						
IPC(7) : C12N 13/00; C12M 1/00 US CL : 435/173.6, 285.2; 204/643						
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) U.S.: 435/173.6, 285.2; 204/643						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)						
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where a			Relevant to claim No.		
Α	US 4,561,961 A (HOFMANN) 31 December 1985,	1-14				
A	US 4,804,450 A (MOCHIZUKI et al.) 14 February	1-14				
A	US 4,578,168 A (HOFMANN) 25 March 1986, see	1-14				
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Further	documents are listed in the continuation of Box C.	See patent :	family annex.			
Special categories of cited documents:		"T" later documen	nt published after the inte	rnational filing date or priority		
"A" document defining the general state of the art which is not considered to be			in conflict with the applic heory underlying the inve	ation but cited to understand the ntion		
of particular relevance "E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step				
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		"Y" document of		claimed invention cannot be		
		considered to involve an inventive ste combined with one or more other suc being obvious to a person skilled in the		documents, such combination		
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family				
Date of the ac	ctual completion of the international search	Date of mailing of the international search report				
	04 (30.03.2004)	21 APR 2004				
Name and mailing address of the ISA/US Mail Stop PCT, Atm: ISA/US		Authorized officer				
Commissioner for Patents P.O. Box 1450		Robert Warden				
	. Box 1450 xandria, Virginia 22313-1450	Telephone No. 703-308-3910				
Facsimile No	. (703) 305-3230					

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